- The code of claim 71 wherein the larger unit of information represents a series. 2
- The code of claim 71 wherein the information in the 76. 1 hierarchical database can be searched at the object level. 2
- The code of claim 72 wherein the information in the 1 hierarchical database can be searched at the concept level. 2
- The code of claim 73 wherein the information in the 78. 1 hierarchical database can be searched at the topic level.
 - The code of claim 74 wherein the information in the 79. hierarchical database can be searched at the course level.
 - The code of claim 75 wherein the information in the 80. hierarchical database can be searched at the series level.
 - The code of claim 76 further comprising code for previewing information identified as a result of the search.
- The code of claim 77 further comprising code for building 1 content from information retrieved from the object level of 2 the hierarchical database. 3

W. 1

2

- The code of claim 77 further comprising building content 1 83.
- from information retrieved from the concept level of the 2
- hierarchical database. 3
- The code of claim 78 further comprising building content 84. 1
- from information retrieved from the topic level of the 2.
- hierarchical database. 3
- The code of claim 79 further comprising building content 85. 1
- from information retrieved from the course level of the 2
- hierarchical database.
 - The code of claim 80 further comprising building content 86. from information retrieved from the series level of the

 - hierarchical database.
 - The code of claim 71 further comprising classifying 87.
 - information contained in the hierarchical database as part
- of an object or larger unit of information.
- The code of claim 71 further comprising classifying objects 1 88.
- into various types of objects and searching the objects by 2
- type. 3
- The code of claim 70 further comprising performing 1
- administrative functions. 2

- 1 91. The code of claim 89 wherein the administrative functions 2 include monitoring workflow.
- 1 92. The code of claim 70 wherein the code is used for the delivery of on-line courses.
 - 93. An apparatus for delivery of on-line content, comprising:

 means for receiving information for storage in a

 server computer as part of a hierarchical database;

 means for storing the information received;

 means for searching information contained in the

 hierarchical database at multiple levels in the

 hierarchical database;

means for retrieving information contained in the hierarchical database; and

- means for building content from information received for inclusion in hierarchical database and from information retrieved from the hierarchical database.
- 1 94. The apparatus of claim 93 wherein the hierarchical database 2 includes objects, which represent units of information 3 contained in the hierarchical database, and at least one

1

10

11

12